



NOTICE OF PROPOSED AMENDMENT - NPA 07-2020

Issue: 01

Date of Issue: 20th September 2020

SUBJECT:

YCAR PART II – CHAPTER 9 – LICENCES - AIR TRAFFIC CONTROLLER.

REASON:

The Civil Aviation and Meteorology Authority (CAMA) recently conducted a review of (YCAR Part II –Licensing Regulation, Chapter 9 LICENCES - AIR TRAFFIC CONTROLLER - ISSUE 3) in line with ICAO Annex 1, latest amendment 176.

The review has concluded the following:

1. Reorder YCAR Part II numbering of Chapters 8 to be 9
2. Amend item 8.2.1.3 EXPERIENCE to provide provision for the supervision of an air traffic control (ATC) on – the – job training instructor (OJTI).
3. Delete par. (c), (d) and (f) of item 8.3.1.
4. Delete par. (c) of item. 8.3.2.1.
5. Amend item 8.3.2.2.1 (b) to provide provision for the supervision of an air traffic control (ATC) on – the – job training instructor (OJTI).
6. Add note to par. 8.2.2.2.3 to provide reference to YCAR Part VIII, SUBPART 4, Appendix 2.
7. Amend par. 8.3.3 to provide reference to YCAR Part VIII, SUBPART 4, Appendix 3.4, and amend par. (c).
8. Add note to item 8.3.4 to provide reference to YCAR Part VIII, SUBPART 4, Appendix 2.

The text of the NPA is arranged to show deleted text with a line through it and new text highlighted with grey shading, as shown below:

Text to be deleted is shown with a line through it.	Text to be deleted
New text to be inserted is highlighted with grey	New text to be inserted:
Text to be deleted is shown with a line followed or preceded by the replacement text which is highlighted with grey	Existing text to be replaced by new text

RECOMMENDATION:

This NPA is published to announce to the public amendment proposals to YCAR Part II – Chapter 9 to entitle all concerned parties to:

- a) Review the attached proposed changes to regulation;
- b) Agree on the date of applicability to the proposed change set to 1st November 2020; and
- c) Send their comments on the changes and date of applicability to the below address by 20th October 2020.

Comments must be submitted to the CAMA using the attached NPA COMMENT-RESPONSE TOOL (CRT).”

CONTACT:

Civil Aviation and Meteorology Authority (CAMA)

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YEMEN CIVIL AVIATION REGULATIONS (YCARs)

PART II

CHAPTER – 8 9 - LICENCES - AIR TRAFFIC CONTROLLER

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ISSUE HISTORY AND DATE OF APPLICABILITY

Issue No.	Date of issue	Date of applicability
Issue 00	June 2013	June 2013
Issue 01	November 2018	November 2018
Issue 02	February 2020	May 2020
Issue 03	November 2020	November 2020

HIGHLIGHTS OF CHANGE

Amendment	Subject(
Issue: 01 November 2018	<p>Periodic review and alignment with ICAO Annex 1 latest amendment.</p> <p>Other changes made:</p> <ul style="list-style-type: none"> – Changes made “ISSUE HISTORY AND DATE OF APPLICABILITY Instead of RECORD OF AMENDMENTS” – 8.2.2.3 skill, note added as guidance material on the application of threat and error management.
Issue: 02 February 2020	<ul style="list-style-type: none"> – 8.2.1.2 KNOWLEDGE amended – 8.3.3 (c) ,(1) and 8.3.3.3 amended
Issue: 03 October 2020	<ol style="list-style-type: none"> 1. This review has been conducted to be in line with ICAO Annex 1 latest amendment 176. 2. Reorder YCAR Part II numbering of Chapters 8 to be 9 3. Amend item 8.2.1.3 EXPERIENCE to provide provision for the supervision of an air traffic control (ATC) on – the – job training instructor (OJTI). 4. Delete par. (c), (d) and (f) of item 8.3.1. 5. Delete par. (c) of item. 8.3.2.1. 6. Amend item 8.3.2.2.1 (b) to provide provision for the supervision of an air traffic control (ATC) on – the – job training instructor (OJTI). 7. Add note to par. 8.2.2.2.3 to provide reference to YCAR Part VIII, SUBPART 4, Appendix 2. 8. Amend par. 8.3.3 to provide reference to YCAR Part VIII, SUBPART 4, Appendix 3.4, and amend par. (c). 9. Add note to item 8.3.4 to provide reference to YCAR Part VIII, SUBPART 4, Appendix 2.

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CHAPTER 8

LICENCE - AIR TRAFFIC CONTROLLER

Note. — This chapter shall be read in conjunction with Appendix 2 & 3 to YCAR SUBPART 4 OF YCAR VIII.

8.0 STUDENT AIR TRAFFIC CONTROLLER

8.1 CAMA shall take the appropriate measures to ensure that student air traffic controllers do not constitute a hazard to air navigation.

8.1.1 MEDICAL FITNESS

CAMA shall not permit a student air traffic controller to receive instruction in an operational environment unless that student air traffic controller holds a current Class 3 Medical Assessment.

8.2 AIR TRAFFIC CONTROLLER

8.2.1 REQUIREMENTS FOR THE ISSUE OF THE LICENCE

Before issuing an air traffic controller licence, a CAMA shall require the applicant to meet the requirements of (8.2.1) and the requirements of at least one of the ratings set out in 8.3.

8.2.1.1 AGE

The applicant shall be not less than 21 years of age.

8.2.1.2 KNOWLEDGE

The applicant shall have demonstrated a level of knowledge appropriate to the holder of an air traffic controller Licence , in at least the following subjects:

Air law

- (a) Rules and regulations relevant to the air traffic controller;

Air traffic control equipment

- (b) Principles, use and limitations of equipment used in air traffic control;

General knowledge

- (c) until 2 November 2022, Principles of flight; principles of operation and functioning of aircraft, power plants and systems; aircraft performance relevant to air traffic control operations;
- (c) as of 3 November 2022, principles of flight; principles of operation and functioning of aircraft and RPAS, engines and systems; aircraft performance relevant to air traffic control operations;

Human performance

- (d) Human performance including principles of threat and error management;

Note — Guidance material to design training programmes on human performance, including threat and error management, can be found in the Human Factors Training Manual (Doc 9683).

Meteorology

- (e) Aeronautical meteorology; use and appreciation of meteorological documentation and information; origin and characteristics of weather phenomena affecting flight operations and safety; altimetry;

Navigation

- (f) Principles of air navigation; principle, limitation and accuracy of navigation systems and visual aids; and

Operational procedures

- (g) Air traffic control, communication, radiotelephony and phraseology procedures (routine, non-routine and emergency); use of the relevant aeronautical documentation; safety practices associated with flight.

8.2.1.3 EXPERIENCE

The applicant shall have completed an approved training course and not less than three months of satisfactory service engaged in the actual control of air traffic under the supervision of an air traffic control (ATC) on – the – job training instructor (OJTI) ~~an appropriately rated air traffic controller~~. The experience requirements specified for air traffic controller ratings in ~~(8.2)~~ (8.3) may be credited as part of the experience specified in this paragraph.

8.2.1.4 MEDICAL FITNESS

The applicant shall hold a current Class 3 Medical Assessment.

8.3 AIR TRAFFIC CONTROLLER RATINGS

8.3.1 CATEGORIES OF AIR TRAFFIC CONTROLLER RATINGS

Air traffic controller ratings shall comprise the following categories:

- (a) Aerodrome Control Rating;
- (b) Approach Control Procedural Rating;
- ~~(c) Approach Control Surveillance Rating;~~
- ~~(d) Approach Precision Radar Control Rating;~~
- ~~(c)-(e)~~ Area Control Procedural Rating; and

~~(f) Area Control Surveillance Rating.~~

Note. — The World Meteorological Organization has specified requirements for personnel making meteorological observations which apply to air traffic controllers providing such a service.

8.3.2 REQUIREMENTS FOR AIR TRAFFIC CONTROLLER RATINGS

8.3.2.1 KNOWLEDGE

The applicant shall have demonstrated a level of knowledge appropriate to the privileges granted, in at least the following subjects in so far as they affect the area of responsibility:

(a) Aerodrome control rating:

- (1) Aerodrome layout; physical characteristics and visual aids;
- (2) Airspace structure;
- (3) Applicable rules, procedures and source of information;
- (4) Air navigation facilities;
- (5) Air traffic control equipment and its use;
- (6) Terrain and prominent landmarks;
- (7) Characteristics of air traffic;
- (8) Weather phenomena; and
- (9) Emergency and search and rescue plans;

(b) Approach control procedural and area control procedural ratings:

- (1) Airspace structure;
- (2) Applicable rules, procedures and source of information;
- (3) Air navigation facilities;
- (4) Air traffic control equipment and its use;
- (5) Terrain and prominent landmarks;
- (6) Characteristics of air traffic and traffic flow;
- (7) Weather phenomena; and
- (8) Emergency and search and rescue plans; and

~~(c) Approach control surveillance, approach precision radar control and area control surveillance ratings: The applicant shall meet the requirements specified in (b) in so far as they affect the area of responsibility, and shall~~

~~have demonstrated a level of knowledge appropriate to the privileges granted, in at least the following additional subjects:~~

- ~~1) Principles, use and limitations of applicable ATS surveillance systems and associated equipment; and~~
- ~~(2) Procedures for the provision of ATS surveillance service, as appropriate, including procedures to ensure appropriate terrain clearance.~~

8.3.2.2 EXPERIENCE

8.3.2.2.1 The applicant shall have:

- a) Satisfactorily completed an approved training course;
- b) Provided, satisfactorily, under the supervision of ~~an appropriately rated air traffic controller~~ an air traffic control (ATC) on – the – job training instructor (OJT):
 - 1) Aerodrome control rating: an aerodrome control service, for a period of not less than (90) hours or one month, whichever is greater, at the unit for which the rating is sought;
 - 2) Approach control procedural, ~~approach control surveillance, or~~ area control procedural ~~or area control surveillance~~ rating: the control service for which the rating is sought, for a period of not less than (180) hours or three months, whichever is greater, at the unit for which the rating is sought; and
 - 3) ~~Approach precision radar control rating: not less than (200) precision approaches of which not more than (100) shall have been carried out on a radar simulator approved for that purpose by the CAMA. Not less than (50) of those precision approaches shall have been carried out at the unit and on the equipment for which the rating is sought; and~~
 - i) ~~If the privileges of the approach control surveillance rating include surveillance radar approach duties, the experience shall include not less than (25) plan position indicator approaches on the surveillance equipment of the type in use at the unit for which the rating is sought and under the supervision of an appropriately rated controller.~~

8.3.2.2.2 The experience specified in (8.3.2.2.1 (b)) shall have been completed within the 6-month period immediately preceding application.

8.2.2.2.3 When the applicant already holds an air traffic controller rating in another category, or the same rating for another unit, the CAMA shall determine whether the experience requirement of (8.3.2.2) can be reduced, and if so, to what extent.

Note. — Refer to YCAR Part VIII, SUBPART 4, APPENDIX 2.

8.3.2.3 SKILL

The applicant shall have demonstrated, at a level appropriate to the privileges being granted, the skill, judgment and performance required to provide a safe, orderly and expeditious control service, including the recognition and management of threats and errors.

Note.— Guidance material on the application of threat and error management is found in the Procedures for Air Navigation Services — Training (Doc 9868, PANS-TRG), Chapter 3, Attachment C, in Part II, Chapter 2, of the Human Factors Training Manual (Doc 9683) and in Cir 314, Threat and Error Management (TEM) in Air Traffic Control.

8.3.2.4 CONCURRENT ISSUANCE OF TWO AIR TRAFFIC CONTROLLER RATINGS

When two air traffic controller ratings are sought concurrently, the CAMA shall determine the applicable requirements on the basis of the requirements for each rating. These requirements shall not be less than those of the more demanding rating.

8.3.3 PRIVILEGES OF THE HOLDER OF THE AIR TRAFFIC CONTROLLER RATING(S) AND THE CONDITIONS TO BE OBSERVED IN EXERCISING SUCH PRIVILEGES

8.3.3.1 Subject to compliance with the requirements specified in YCAR Part VIII of SUBPART 4, A3.4. ~~(1) Parg. (1.5), (1.7.1) and (1.9)~~, the privileges of the holder of an air traffic controller Licence endorsed with one or more of the under mentioned ratings shall be:

(a) Aerodrome control rating: to provide or to supervise the provision of aerodrome control service for the aerodrome for which the Licence holder is rated;

(b) Approach control procedural rating: to provide or to supervise the provision of approach control service for the aerodrome or aerodromes for which the Licence holder is rated, within the airspace or portion thereof, under the jurisdiction of the unit providing approach control service;

~~(c) Approach control surveillance rating: to provide and/or supervise the provision of approach control service with the use of applicable ATS surveillance systems for the aerodrome or aerodromes for which the Licence holder is rated, within the airspace or portion thereof, under the jurisdiction of the unit providing approach control service;~~

~~(1) Subject to compliance with the provisions of 8.3.2.2.1 (c)), the privileges shall include the provision of surveillance radar approaches;~~

~~(i) Approach precision radar control rating: to provide and/or supervise the provision of precision approach radar service at the aerodrome for which the Licence holder is rated;~~

(c) (ii) —Area control procedural rating: to provide and/or supervise the provision of area control service within the control area or portion thereof, for which the Licence holder is rated; and

~~(iii)Area control surveillance rating: to provide and/or supervise the provision of area control service with the use of an ATS surveillance system, within the control area or portion thereof, for which the Licence holder is rated.~~

8.3.3.2 Before exercising the privileges indicated in (8.3.3.1), the Licence holder shall be familiar with all pertinent and current information.

8.3.3.3 A CAMA having issued an air traffic controller Licence shall not permit the holder thereof to carry out instruction in an operational environment unless such holder has received proper authorization from CAMA.

8.3.4 VALIDITY OF RATINGS

A rating shall become invalid when an air traffic controller has ceased to exercise the privileges of the rating for a period determined by the CAMA. That period shall not exceed six months. A rating shall remain invalid until the controller's ability to exercise the privileges of the rating has been re-established.

Note. — Refer to YCAR Part VIII, SUBPART 4, APPENDIX 3.

NPA COMMENT-RESPONSE TOOL (CRT)

CRT Terms of use

NPA 07-2020 RESPONSE SHEET

Please return this response sheet by E-mail: legislation.dir@cama.gov.ye and cc: civilaviation@y.net.ye Please indicate your acceptance or otherwise of the proposal by ticking [✓] the appropriate box below. Any additional constructive comments, suggested amendments or alternative action will be welcome and may be provided on this response sheet or by separate correspondence.

☐ The proposals are ***acceptable without change***.

☐ The proposals are ***acceptable but would be improved if the following changes were made***: (Please provide explanatory comment).

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☐ The proposals are ***not acceptable but would be acceptable if the following changes were made***: (Please provide explanatory comment).

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☐ The proposals are ***not acceptable under any circumstances***. (Please provide explanatory comment).

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Name.....Organisation:.....

... Address/Contact No:.....

Signed: Date: